

Basic-12™

Basic Electronic Ballasts for T12 Lamp Applications

- Technology for Magnetic Ballast Replacements
- Exceeds Federal Ballast Efficiency Requirements

The **Basic-12** ballast family is designed for replacement of magnetic T12 ballasts during fixture maintenance or in combination with re-lamping programs to reduce energy consumption. **Basic-12** ballasts provide electronic energy saving performance, generating energy savings of greater than 20% when replacing a magnetic ballast while still using the same T12 lamps.

Basic-12 ballasts fully comply with today's new federal ballast efficiency requirements for installation into new fixtures as well as with the 2010 requirements for replacement ballasts. DOE compliant ballasts are available for use with both standard and energy saving lamps (Note: The B2601120M-A can only be used with energy saving F96T12 lamps.)

The **Basic-12** product line covers the high volume requirements for T12 lighting:

- 1-Lamp F34 & F40T12, 120V
- 2-Lamp F34 & F40T12, 120V
- 2-Lamp F96T12 & F69T12/ES, 120-277V
- 2-Lamp F96T12HO/ES, 120-277V

Replacement Comparison



F34/40T12 Rapid Start
1.7 lb Weight reduction

Basic-12 ballast is significantly smaller and weighs less than the ballast it is replacing

Features & Benefits

- Energy Efficient
 - Greater than 20% increase in efficiency
 - Lowers lighting operation costs
- Full Light Output
 - Provides same light levels as magnetic ballasts being replaced
- Quiet Operation
 - Significantly quieter than magnetic ballasts
- High Frequency Operation
 - No lamp flickering
- Light Weight—Low Profile Case
 - Simplifies transportation & installation
 - Less interference with ballast channel Cover during replacement
- Slimline ballasts feature parallel lamp operation
 - When one lamp fails, other lamp remains lit
- Same warranty as energy saving magnetic T12 ballasts
 - Three-year ballast warranty



Basic-12 ballasts are ideal for replacing magnetic ballasts in almost every application

Basic-12™

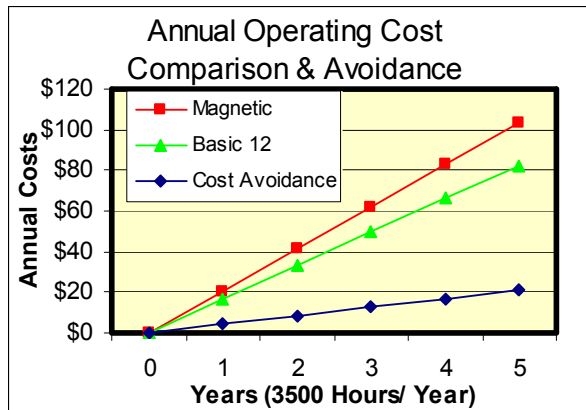
Performance Savings

2xF34T12 Comparison

Ballast	Lamp	Input Power (watts)
Magnetic 2xF34T12	F34T12	74
B234SR120M-A	F34T12	59
Savings:		15 watts
Operating Savings		
Utility Rate (\$/KWH)		0.08
Annual Operating Hours		3500
Annual Savings:		\$4.20

Replacement with Basic-12 rather than a standard magnetic saves \$4.20 per year in operating costs. With higher utility rates and longer operating hours, savings will be even more.

- Rapid Start Basic-12 ballasts wire exactly the same way as their magnetic counterparts.
- Mounting dimensions are the same as the magnetic ballasts
- Low Profile case makes it easier to replace the ballast channel without pinching wires.

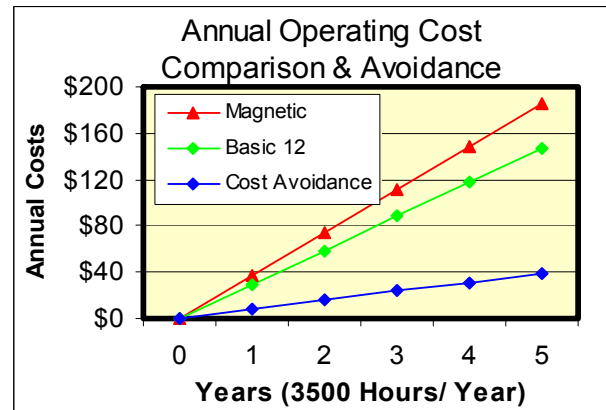


2xF96T12/ES Comparison

Ballast	Lamp	Input Power (watts)
Magnetic 2xF96T12/ES	F96T12/ES	133
B260IUNVHP ¹	F96T12/ES	110
Savings:		23 watts
Operation Savings:		
Utility Rate		0.08
Annual Hours		3500
Annual Savings:		\$6.44

Replacement with Basic-12 rather than a standard magnetic saves \$6.44 per year in operating costs. With higher utility rates and longer operating hours, savings will be even more.

- Instant Start Basic-12 ballasts are wired slightly differently than magnetic ballasts but easy to follow instructions are included.
- Parallel lamp operation keeps remaining lamp lit when one lamp fails



Basic-12 Product Family

Part Number	Lamp Application	Product Code
B134R120M-A 000I	(1) F34T12 or F40T12, 120V	76838624257
B234SR120M-A 000I	(2) F34T12 or F40T12, 120V	76838624214
B260I120M-A 000I* ^o ¹	(2) F96T12/ES, 120V *	76838624222
B260IUNVHP 000I ¹	(2) F96T12 (Std & ES), 120-277V	76838624224
B295SRUNVHP 000I ¹	(2) F96T12HO, 120-277V	76838624231

-Models that are also part of the **Basic-12** family include: B140R120HP, B140R277HP, B240R120RH, B240R120HP, B240R277HP, B340R120HP, B340R277HP, B260I120RH, B260I277RH and B295SR120HP.

-**Basic-12** models are covered by a 36 month warranty. Visit www.universalballast.com for additional warranty information.

*For use with energy saving lamps only (F96T12/WM, SS, EW)

^o B260I120M-A is shorter than standard magnetic ballast. A self-Tapping screw may be required for mounting.

¹ Ballasts for slimline and HO lamps will be available in early 2006

